



**California Environmental Protection Agency  
Department of Toxic Substances Control**

**HAZARDOUS WASTE FACILITY PERMIT**

Permit Number: 06-SAC-08

Facility Name: Safety-Kleen Systems, Inc.  
Highland Service Center  
7979 Palm Avenue  
Highland, California 92346

Facility EPA ID Number:  
CAT0000613927

Owner Name: Safety-Kleen Systems, Inc.  
5400 Legacy Drive, Cluster II,  
Building 3  
Plano, Texas 75024

Effective Date:  
June 23, 2007  
Expiration Date:  
June 23, 2017

Operator Name: Safety-Kleen Systems, Inc.  
7979 Palm Avenue  
Highland, California 92346

Pursuant to Section 25200 of the California Health and Safety Code, this RCRA-equivalent Hazardous Waste Facility Permit (Permit) is hereby issued to: Safety-Kleen Systems, Inc. for operation of its Highland Branch.

The issuance of this Permit is subject to the conditions set forth in Attachment A and the revised Part "B" Application (Operation Plan) of June 29, 2006. Attachment A consists of 13 pages.

//original signed by//

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Raymond Leclerc, P.E.  
Team Leader  
Permit Renewal Team  
Department of Toxic Substances Control  
Date: May 23, 2007

**SAFETY-KLEEN SYSTEMS INC.  
HIGHLAND SERVICE CENTER  
7979 PALM AVENUE  
HIGHLAND, CALIFORNIA  
HAZARDOUS WASTE FACILITY PERMIT  
ATTACHMENT "A"  
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ATTACHMENT B

HAZARDOUS WASTE FACILITY PERMIT

**Safety-Kleen Systems, Inc.  
Highland Service Center  
7979 Palm Avenue  
Highland, California**

**PART I. DEFINITIONS**

All terms used in this Permit shall have the same meaning as those terms have in the California Health and Safety Code, division 20, chapter 6.5 and California Code of Regulations, title 22, division 4.5, unless expressly provided otherwise by this Permit.

1. **"DTSC"** as used in this Permit means the California Department of Toxic Substances Control.
2. **"Permittee"** as used in this Permit means the Owner and Operator.
3. **"RCRA"** as used in this Permit means the Resource Conservation and Recovery Act (42 U.S.C. section 6901 et seq.)
4. **"Facility"** as used in this Permit means all contiguous land and structures, other appurtenances, and improvements on the land used for the treatment, transfer, storage, resource recovery, disposal or recycling of hazardous waste. A hazardous waste facility may consist of one or more treatment, transfer, storage, resource recovery, disposal or recycling operational units or combinations of these units.

For the purpose of implementing corrective action under division 4.5 of the title 22 of the California Code of Regulations, hazardous waste facility includes all contiguous property under the control of the owner or operator required to implement corrective action.

## **PART II. DESCRIPTION OF THE FACILITY AND OWNERSHIP**

1. Property Owner

Safety-Kleen Systems, Inc.  
5400 Legacy Drive, Cluster II, Building 3  
Plano, Texas 75024

2. Operator

Safety-Kleen Systems Inc.  
7979 Palm Avenue  
Highland, California 92346

3. Location

Safety-Kleen Systems, Inc., Highland Service Center is located at 7979 Palm Avenue in Highland, San Bernardino County, California (Facility). The San Bernardino County Assessor's Parcel Number for the property is APN 290-211-18 through 21. The Facility occupies 1.8 acres. The legal description is Lot 37, 38, 39, and 40 of Tract No. 3202, Royal Palms Tract Unit No. 1, as per plat recorded in Book 48 of Maps, Page 38 and 39, records of San Bernardino County.

The Facility is bounded by Palm Avenue on the west, 3<sup>rd</sup> Street on the south, a BP Service Station across an alley on the north, and a warehouse building approximately 100 feet to the east. The San Bernardino International Airport is located directly across the intersection of Palm Avenue and 3<sup>rd</sup> Street to the southwest. The Facility is zoned industrial by the City of Highland. California Route 30, Palm Avenue, and 5<sup>th</sup> Street are the major arteries in the City of Highland. All areas in the vicinity of the Facility are industrial or commercial. Residential neighborhoods are located approximately 1/2 mile north of the Facility. The Facility's site plan is attached as Attachment B.

4. Description

Safety-Kleen Systems, Inc. (Safety-Kleen) began operation in 1968 to provide solvent reclamation and supply service for customers primarily engaged in automotive repair, industrial maintenance, and dry cleaning. The Facility has been operating as a hazardous waste storage facility since June 1977. The Facility provides customers with parts cleaner services, which involve small-parts degreasing units consisting of a sink affixed to the top of a 16- or 30-gallon drum of cleaner solvent at the customer's location. The Facility distributes parts washing cleaners and immersion cleaners (carburetor cleaner) for use in the degreasing units. Safety-Kleen's truck operators replace the drum

of spent or used cleaner solvent with a drum of virgin or recycled cleaner solvent at the customer's location, and transports the hazardous wastes back to the Facility. The hazardous wastes at the Facility are eventually transported to the Safety-Kleen's Reedley Recycle Center or another permitted facility for recycling, treatment and/or disposal.

The Facility stores and transfers hazardous wastes in drums/containers and an underground tank as described in Part IV of this Permit.

The Permittee provides the following services which lead to the off-site generation of hazardous waste that the Permittee transports back to the Facility.

1. Petroleum -Based Cleaners (Mineral Spirits)
2. Aqueous-Based Parts Washing Solution
3. Safety-Kleen Immersion or Carburetor Cleaner Service
4. Safety-Kleen Dry Cleaner Service
5. Safety-Kleen Paint Collection Service
6. Safety-Kleen Used Oil Service
7. Safety-Kleen Used Antifreeze/Coolants Service
8. Miscellaneous Containerized Waste Services

5. Facility History

Safety-Kleen System, Inc. purchased the Facility, including the land and structures, in 1990. On September 17, 1994, DTSC issued a Hazardous Waste Facility Permit to the Permittee. The Permit expired on September 17, 2004. On June 29, 2005, DTSC approved modifications to the Facility' Waste Analysis Plan.

6. Facility Size and Type for Fee Purposes

The Facility is categorized as a small storage facility for purposes of Health and Safety Code section 25205.19.

### **PART III. GENERAL CONDITIONS**

#### **1. PERMIT APPLICATION DOCUMENTS**

- (a) The Part "A" Application dated March 19, 2004, the revised Part "B" Application (Operation Plan) dated June 29, 2006 are hereby approved by DTSC and made a part of this Permit by reference.

#### **2. EFFECT OF PERMIT**

- (a) The Permittee shall comply with the provisions of the Health and Safety Code, and division 4.5 of California Code of Regulations, title 22. The issuance of this Permit by DTSC does not release the Permittee from any liability or duty imposed by federal or state statutes or regulations or local ordinances, except the obligation to obtain this Permit. The Permittee shall obtain the permits required by other governmental agencies, including but not limited to those required by, the applicable land use planning, zoning, hazardous waste, air quality, water quality, and solid waste management laws for the construction and/or operation of the Facility.
- (b) The Permittee is permitted to store hazardous wastes in accordance with the conditions of this Permit. Any storage of hazardous wastes not specifically authorized in this Permit is strictly prohibited.
- (c) Compliance with the terms of this Permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment, including, but not limited to, one brought for any imminent and substantial endangerment to human health or the environment.
- (d) DTSC's issuance of this Permit does not prevent DTSC from adopting or amending regulations that impose additional or more stringent requirements than those in existence at the time this Permit is issued and does not prevent the enforcement of these requirements against the Permittee.
- (e) Failure to comply with any term or condition set forth in the Permit in the time or manner specified herein will subject the Permittee to possible enforcement action including but not limited to penalties pursuant to Health and Safety Code, section 25187.
- (f) Failure to submit any information required in connection with the Permit, or

falsification and/or misrepresentation of any submitted information, is grounds for revocation of this Permit (Cal. Code of Regs., title 22, §66270.43).

- (g) In case of conflicts between the Operation Plan and the Permit, the Permit conditions take precedence.
- (h) This Permit includes and incorporates by reference any conditions of waste discharge requirements issued by the State Water Resources Control Board or any of the California Regional Water Quality Control Boards and any conditions imposed pursuant to section 13227 of the Water Code.

3. COMPLIANCE WITH CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

A CEQA Notice of Exemption has been prepared in accordance with the requirements of Public Resources Code Section 21000 et seq. and the CEQA Guidelines, Section 15301 et seq. of Title 14, California Code of Regulations.

4. ANNUAL HAZARDOUS WASTE REDUCTION AND MINIMIZATION CERTIFICATION

The Permittee shall certify annually that it has a hazardous waste reduction and minimization program and method in place and shall keep the annual certification as part of its Operating Record in accordance with California Code of Regulations, title 22, section 66264.73(b)(9).

**PART IV. PERMITTED UNITS AND ACTIVITIES**

Unit 1:

Underground Storage Tank and the Return and Fill Unit

Location:

The Underground Storage Tank is located between the two warehouses, in the middle of the yard. The Return and Fill Unit is located west of the Underground Storage Tank.

Activity Type:

This Unit is for storage of hazardous waste.

Activity Description:

Either petroleum-based cleaners or aqueous-based parts washing solutions are stored in the Underground Storage Tank. Drums/containers holding either petroleum-based cleaners or aqueous-based parts washing solutions are received from Safety-Kleen customers and other Safety-Kleen facilities and unloaded in the Return and Fill Unit. The Return and Fill Unit is an ancillary unit for the Underground Storage Tank. At the Return and Fill Unit, two above-ground Drum Washers are used to empty and rinse drums/containers that contain either petroleum-based cleaners or aqueous-based parts washing solutions. The Drum Washers are connected to the Underground Storage Tank by above-ground and below-ground piping. Used oil and anti-freeze in drums/containers are held up to 24 hours in the Return and Fill Unit for bulking purposes.

Physical Description:

This Unit is comprised of a 11,000-gallon (8 feet in diameter and 32 feet long) double-walled steel and fiberglass-coated Underground Storage Tank with double-walled piping connecting it to the Return and Fill Unit.

The Return and Fill Unit includes two above-ground Drum Washers. Each Drum Washer is approximately 5 feet wide by 3 feet deep, with a front height of approximately 40 inches and has a capacity of 155 gallons. Each Drum Washer can process approximately 45 gallons of either petroleum-based cleaners or aqueous-based parts washing solutions per minute.

Either petroleum-based cleaners or aqueous-based parts washing solutions are poured from the drum/container into a Drum Washer which is designed to remove coarse solids and metal parts that may come with either petroleum-based cleaners or aqueous-based parts washing solutions and to remove any remaining wastes from the drum/container. Either petroleum-based cleaners or aqueous-based parts washing solutions flow through a metal screen into a 155-gallon catch basin and is pumped into the



Underground Storage Tank. The drum/container is then inverted and placed diagonally over the brushes of the Drum Washer. The Drum Washer is turned on and two streams of either petroleum-based cleaners or aqueous-based parts washing solutions are pumped from the catch basin and sprayed from two nozzles to rinse the drum/container.

One nozzle sprays the outside of the drum/container and the other nozzle sprays the inside. The empty drums/containers are then situated upside down over the standing grill above the secondary containment until they are dried out. The drips from empty drums/containers are drained into the secondary containment and then into a sump located in the secondary containment. At the end of operating day, the secondary containment is washed down with water. The collected water is transferred to a bucket and then the bucket is emptied into the Drum Washer. The empty drum/container is refilled with virgin or recycled petroleum-based cleaners or aqueous-based parts washing solutions for distribution back to customers. Each Drum Washer has a 155-gallon catch basin. Also, there is a 36"X14'X4" concrete berm underneath the Return and Fill Unit that provides about 1,256 gallons of containment

Maximum Storage Capacity:

11,000 gallons for the Underground Storage Tank

Waste Types:

Petroleum-based cleaners, aqueous-based parts washing solutions,  
Used oil, and anti-freeze

RCRA Hazardous Waste Codes:

D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043, and California Waste Codes Number 133, 134, 211, 213, 221, 222, 223, 241, 342, 343, 352, 491, 741, 751.

Unit Specific Conditions:

1. The Underground Storage Tank shall be recertified for tank system integrity by an independent professional engineer registered in the State of California pursuant to California Code of Regulations, title 22, section 66264.191 no later than March 2, 2010 and every three years thereafter. The latest recertification was performed in March 2007.

2. The drums/containers must be "empty" as that term is defined in California Code of Regulations, title 22, section 66261.7(b) before they exit this Unit. Any drum/container

that meets the "empty" definition and standard in section 66261.7(b) is no longer subject to hazardous waste regulations.

3. The Permittee may only use the petroleum-based cleaners or aqueous-based parts washing solutions from the Drum Washer catch basin to spray and rinse the drums/containers that held petroleum-based cleaners or aqueous-based parts washing solutions, respectively. The Permittee may further spray or rinse an empty drum/container with virgin or recycled petroleum-based cleaners or aqueous-based parts washing solutions; on such occasions, the Permittee may deposit the rinsate into the Drum Washer prior to moving the drum from the Unit for refilling.
4. The Permittee shall keep the lid of any of the two Drum Washers tightly closed at all times when the Washer is not in use.
5. The Permittee shall not store either petroleum-based cleaners or aqueous-based parts washing solutions, in the Underground Storage Tank in excess of one year from the date such hazardous waste arrives at the Facility. The Permittee shall not store either petroleum-based cleaners or aqueous-based parts washing solutions in this Unit, outside the Underground Storage Tank, in excess of 24 hours. The Permittee shall not hold used oil or anti-freeze in the Return and Fill Unit in excess of 24 hours.
6. Prior to using this Unit for petroleum-based cleaners, the Permittee shall obtain a permit from South Coast Air Quality Management District (SCAQMD) to authorize the operation. The Permittee shall send a copy of the SCAQMD's permit to DTSC for review. The Permittee shall not use this Unit to store any petroleum-based cleaners until the Permittee receives written acknowledgement from DTSC that DTSC has reviewed and accepted the SCAQMD's permit.

Air Emission Standards:

This Unit does not currently contain liquids with more than 500 ppmw of organic liquids and is not subject to the applicable requirements of California Code of Regulations, title 22, chapter 14, article 28.5. The Permittee shall comply with the applicable requirements of California Code of Regulations, title 22, chapter 14, article 28.5 and conduct daily inspections if and when the Permittee starts using this Unit to store petroleum-based cleaners.

Unit 2:

## Drum/container Storage Area

### Location:

Southern portion of the west warehouse building.

### Activity Type:

This Unit is for storage of hazardous waste held in drums/containers.

### Activity Description:

Storage of containerized hazardous waste inside a warehouse building and within a secondary containment area.

### Physical Description:

Drums/containers holding hazardous waste are stored on pallets within the secondary containment area. The area is 54' long by 22' wide. The floor is concrete with a chemical-resistant coating surrounded by a 6" wide by 4" high concrete curb. The containment area occupies approximately 1,100 square feet. The curbed area contains two sumps to collect any potential spills of hazardous waste. The total capacity of the two sumps is 726 gallons.

### Maximum Storage Capacity:

4,320 gallons

### Waste Types:

Paint Thinners, Paint Wastes, Used Oil, Anti-Freeze, Immersion Cleaner, Dry Cleaning Solvents, Spent Parts Washer Solvents (Mineral Spirits), Aqueous-Based Parts Washing Solvents, Industrial Solvents, Drum Washer Bottom Sediments, and Tank Bottom Sediments

### California and RCRA Hazardous Waste Codes:

D001, D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, D043, F002, F003, F005 and California Waste Codes Number 133, 134, 211, 212, 213, 221, 222, 223, 241, 342, 343, 352, 461, 491, 741, and 751.

### Unit Specific Conditions:

1. Within 60 days from the effective date of this Permit, the Permittee shall submit to DTSC a plan for the design and construction of a secondary containment system for the transfer operations that take place outside of this Unit. The Permittee shall complete the construction of a secondary containment system in accordance with a DTSC-approved plan and schedule.

Air Emission Standards:

This Unit contains liquids with vapor pressure more than 5.2 KPa and organic liquids above 500 ppmw and is subject to the requirements of California Code of Regulations, title 22, chapter 14, article 28.5. Daily inspections are required.

**PART V. SPECIAL CONDITIONS APPLICABLE TO ALL OF THE UNITS.**

1. The Permittee is prohibited from conducting any hazardous waste transfer, storage, treatment or other management activity unless it is specifically described in this Permit.
2. The Permittee shall take all measures necessary to prevent any spills of hazardous waste into the drainage systems of the City of Highland.
3. Unless as otherwise specified in this Permit, the Permittee shall not store hazardous waste in any of the permitted storage units in excess of one year from the date such hazardous waste arrives at the Facility.
4. For the purposes of calculating the permitted capacity or volume for storage and for secondary containment, all hazardous waste that is stored or located in a permitted unit shall be included in the volume calculations for that unit, including any hazardous waste that is covered by the Transfer Facility Exemption under California Code of Regulations, title 22, section 66263.18.
5. The Permittee shall not be designated as the Treatment, Storage or Disposal Facility on the manifests for any exempt transfer activities conducted pursuant to California Code of Regulations, title 22, section 66263.18.
6. Drums or containers of hazardous waste shall be stored on pallets and shall not be stacked more than six feet high.
7. Any drum/container that previously held hazardous waste and is not "empty" as that term is defined in California Code of Regulations, title 22, section 66261.7(b) shall be managed as a hazardous waste.

#### **PART VI. CORRECTIVE ACTION**

DTSC prepared a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) Report for the Facility in March 1992. The RFA identified four Solid Waste Management Units (SWMUs) and two Area of Concerns (AOCs). The SWMUs and AOCs are listed below:

- SWMU #1 - Drum Storage Area
- SWMU #2 – 10,000 Gallon Underground Waste Mineral Spirits Tank
- SWMU #3 - 1,000 Gallon Underground Waste Mineral Spirits Tank
- SWMU #4 - Return and Fill Area
- AOC #1 - 10,000 Gallon Underground Product Mineral Spirits Tank
- AOC #2 – Empty Drum Storage Area

SWMUs 2, 3, and 4 and AOCs 1 and 2 underwent partial closure in 1993. The Permittee submitted a RCRA Facility Investigation (RFI) Workplan to DTSC on June 24, 1994 pursuant to a permit condition. The Permittee conducted Phase I RFI activities to characterize the presence and extent of contaminants and to operate a pilot test of a soil vapor extraction (SVE) system. DTSC approved the Phase I RFI Report on June 9, 1995 with the condition that the Permittee conduct a Phase II RFI to evaluate potential groundwater impacts and for the full-scale operation of the SVE system. The Permittee submitted a Phase II RFI Workplan to DTSC on December 15, 1995. The Phase II RFI Report, submitted on June 2, 2000, suggested that groundwater had not been affected by releases of chemical constituents at the Facility. DTSC approved the Phase II RFI Report on September 12, 2000. The Permittee submitted a Corrective Measures Study (CMS) Workplan to DTSC on October 18, 2002. The CMS Workplan proposes additional subsurface investigation activities to evaluate the effectiveness of previously completed corrective measures. DTSC has yet to approve the CMS Workplan.

Within six months after the effective date of this Permit, the Permittee shall enter into a Corrective Action Consent Agreement with DTSC, or DTSC shall issue an Enforcement Order for Corrective Action to the Permittee, pursuant to Health and Safety Code sections 25187 and 25200.10 to address the remaining corrective action process required at the Facility. The Corrective Action Consent Agreement or the Enforcement Order for Corrective Action will require the Permittee to (1) conduct any necessary activity identified in a DTSC-approved CMS Workplan and (2) conduct further investigation, and, if necessary, remediation, to complete the required corrective action process for the Facility.



Safety-Kleen Systems, Inc.  
Highland Service Center  
Hazardous Waste Facility Permit, Attachment "B"

Page 1

ATTACHMENT B



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